

**TRANSMITTAL LETTER
(General - Patent Pending)**

Docket No.
112857-319

In Re Application Of: Hir yuki Okuyama et al.



Serial No.
10/092,687

Filing Date
03/06/2002

Examiner
Mark V. Prenty

Group Art Unit
2822

Title: DISPLAY UNIT AND SEMICONDUCTOR LIGHT EMITTING DEVICE

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Transmittal of Information Disclosure Statement (Duplicate); Information Disclosure Statement (3 Pages); PTO Form 1449 (2 Pages); Cited References (43 References); Check in the Amount of \$130.00; and Return Receipt Postcard.

in the above identified application.

- No additional fee is required.
- A check in the amount of **\$130.00** is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. **02-1818** as described below.
 - Charge the amount of
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Signature

Dated: **January 19, 2004**

**Jeffrey H. Canfield (Req. No. 38,404)
Bell, Boyd & Lloyd LLC
P.O. Box 1135
Chicago, Illinois 60690-1135
Telephone: (312) 807-4233**

I certify that this document and fee is being deposited on Jan. 19, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Signature of Person Mailing Correspondence

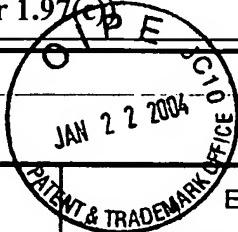
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Typed or Printed Name of Person Mailing Correspondence

CC:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112857-319

In Re Application Of: Hiroyuki Okuyama et.al.



Serial No.	Filing Date	Examiner	Group Art Unit
10/092,687	03/06/2002	Mark V. Prenty	2822

Title: DISPLAY UNIT AND SEMICONDUCTOR LIGHT EMITTING DEVICE

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

- the statement specified in 37 CFR 1.97(e);

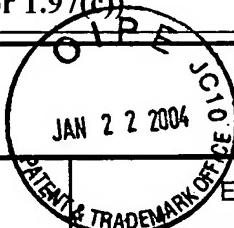
OR

- the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112857-319

In Re Application: **Hiroyuki Okuyama et al.**



Serial No.	Filing Date	Examiner	Group Art Unit
10/092,687	03/06/2002	Mark V. Prenty	2822

DISPLAY UNIT AND SEMICONDUCTOR LIGHT EMITTING DEVICE

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of \$130.00 is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below.
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 - Credit any overpayment.
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I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:

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Signature of Person Mailing Correspondence

Renee Street

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.

Signature

Dated: January 19, 2004

Jeffrey H. Canfield (Req. No. 38,404)

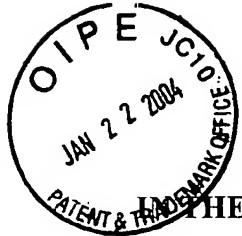
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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroyuki Okuyama et al.
Appl. No.: 10/092,687
Conf. No.: 3793
Filed: March 6, 2002
Title: DISPLAY UNIT AND SEMICONDUCTOR LIGHT EMITTING DEVICE
Art Unit: 2822
Examiner: Mark V. Prenty
Docket No.: 112857-319

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which are enclosed, be made during the course of examination of the above-identified application for United States patent.

U.S. PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
5,177,405	01/05/1993	Kusuda et al.
5,981,977	11/09/1999	Furukawa et al.

FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>	
56-92577	07/27/1981	Japan	
57-45583	03/15/1982	Japan	
57-52071	03/27/1982	Japan	
57-52072	03/27/1982	Japan	
57-52073	03/27/1982	Japan	
58-50577	03/25/1983	Japan	
61-156780	07/16/1986	Japan	01/26/2004 NROCHA1 08888883 10092687
63-188938	08/04/1988	Japan	01 FC:1460
01-149491	06/12/1989	Japan	130.00 OP

2-263668	10/26/1990	Japan
03-035568	02/15/1991	Japan
6-45648	02/18/1994	Japan
06-067044	03/11/1994	Japan
07-199829	04/08/1995	Japan
07-283438	10/27/1995	Japan
08-008217	01/12/1996	Japan
08/274376	10/18/1996	Japan
9-129974	05/16/1997	Japan
09-274455	10/21/1997	Japan
WO 97/44612	11/27/1997	PCT
10-125929	05/05/1998	Japan
10-270801	10/09/1998	Japan
10-312971	11/24/1998	Japan
11-26883	01/29/1999	Japan
11-075019	03/16/1999	Japan
11-177138	07/02/1999	Japan
11-251253	09/17/1999	Japan
11-312840	11/09/1999	Japan
11-514136	11/30/1999	Japan
11-329745	11/30/1999	Japan
11-346004	12/14/1999	Japan
2000-068593	03/03/2000	Japan
2000-183451	06/30/2000	Japan
2000-223417	08/11/2000	Japan
2000-332343	11/30/2000	Japan
2001-085738	03/30/2001	Japan
2001-184921	07/06/2001	Japan
2001-217503	08/10/2001	Japan
2002-185660	12/12/2002	Japan

OTHER DOCUMENTS

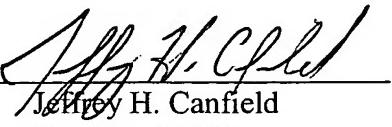
Zheleva et al., *Pendo epitaxy – a new approach for lateral growth of gallium nitride structures*, MRS Internet J. Nitride Semicond. Res. 4S1, G3.38 (1999).

Kapolnek et al., *Spatial control of InGaN luminescence by MOCVD selective epitaxy*, Journal of Crystal Growth, 189/190 (1998) pp. 83-86.

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY 
Jeffrey H. Canfield
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Dated: Jan. 19, 2004

INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Atty Docket No. 112857-319	Application No. 10/092,687
(Use several sheets if necessary)		Applicant	Hiroyuki Okuyama et al.
PTO Form 1449		Filing Date 03/06/2002	Group 2822

JAN 22 2004
U.S. PATENT AND TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
	5,177,405	01/05/1993	Kusuda et al.			
	5,981,977	11/09/1999	Furukawa et al.			

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	✓ 56-92577	07/27/1981	Japan	-	-		
	✓ 57-45583	03/15/1982	Japan	-	-		
	✓ 57-52071	03/27/1982	Japan	-	-		
	✓ 57-52072	03/27/1982	Japan	-	-		
	✓ 57-52073	03/27/1982	Japan	-	-		
	✓ 58-50577	03/25/1983	Japan	-	-		
	✓ 61-156780	07/16/1986	Japan	-	-		
	✓ 63-188938	08/04/1988	Japan	-	-		
	✓ 01-149491	06/12/1989	Japan	-	-		
	✓ 2-263668	10/26/1990	Japan	-	-		
	✓ 03-035568	02/15/1991	Japan	-	-		
	✓ 04-45648	02/18/1994	Japan	-	-		
	✓ 06-067044	03/11/1994	Japan	-	-		
	✓ 07-199829	04/08/1995	Japan	-	-		
	✓ 07-283438	10/27/1995	Japan	-	-		
	✓ 08-008217	01/12/1996	Japan	-	-		
	✓ 08/274376	10/18/1996	Japan	-	-		
	✓ 09-129974	05/16/1997	Japan	-	-		
	✓ 09-274455	10/21/1997	Japan	-	-		
	✓ WO 97/44612	11/27/1997	PCT	-	-		
	✓ 10-125929	05/05/1998	Japan	-	-		
	✓ 10-270801	10/09/1998	Japan	-	-		
	✓ 10-312971	11/24/1998	Japan	-	-		
	✓ 11-26883	01/29/1999	Japan	-	-		

Examiner:

Date Considered:

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Atty Docket No. 112857-319	Application No. 10/092,687
PTO Form 1449		Applicant Hiroyuki Okuyama et al.	
		Filing Date 03/06/2002	Group 2822

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FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	✓ 11-075019	03/16/1999	Japan	-	-		
	✓ 11-177138	07/02/1999	Japan	-	-		
	✓ 11-251253	09/17/1999	Japan	-	-		
	✓ 11-312840	11/09/1999	Japan	-	-		
	✓ 11-514136	11/30/1999	Japan	-	-		
	✓ 11-329745	11/30/1999	Japan	-	-		
	✓ 11-346004	12/14/1999	Japan	-	-		
	✓ 2000-068593	03/03/2000	Japan	-	-		
	✓ 2000-183451	06/30/2000	Japan	-	-		
	✓ 2000-223417	08/11/2000	Japan	-	-		
	✓ 2000-332343	11/30/2000	Japan	-	-		
	✓ 2001-085738	03/30/2001	Japan	-	-		
	✓ 2001-184921	07/06/2001	Japan	-	-		
	✓ 2001-217503	08/10/2001	Japan	-	-		
	✓ 2002-185660	12/12/2002	Japan	-	-		

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	✓ Zheleva et al., Pendo epitaxy - a new approach for lateral growth of gallium nitride structures, MRS Internet J. Nitride Semicond. Res. 4S1, G3.38 (1999).
	✓ Kapolnek et al., Spatial control of InGaN luminescence by MOCVD selective epitaxy, Journal of Crystal Growth, 189/190 (1998) pp. 83-86.

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